

PT "7A"
 +X 200.00 (REF)
 -Y 73.412 (REF)
 -Z 32.25 (REF)

PT "6A"
 +X 200.00 (REF)
 -Y 82.51 (REF)
 -Z 10.75 (REF)

(A_g) (A_u) (21) BEND R $\frac{3}{32}$

FS ONLY

(13) BEND R.010 +.030
 -.000

TEMPERATURE CONTROL SURFACE-EXTERIOR(N.S)

097-102, "40(DRILL)
 (5 HOLES)

.127- .133 (#30 DRILL)
 TYP 6 PLACES

DIMPLE UP
 (8) PLACES
 SEE "SECT B-B (ZONE 6A)"

TEMPERATURE CONTROL SURFACE
 EXTERIOR

.127- .133 (#30 DRILL)
 TYP 3 PLACES

PT "14A"
 +X 224.57 (REF)
 -Y 75.11 (REF)
 -Z 32.25 (REF)

PT "14A"
 +X 224.57 (REF)
 -Y 75.11 (REF)
 -Z 32.25 (REF)

TEMP CONTROL SURFACE
 11/32 DIA
 1/16 R
 106° ± 10°

.004 (REF)

IML BDN 33"

IML BUP

IML BUP CL 31°

SECTION B-B
 (SCALE 2X)

CODE IDENT NO. 26572
 LDW250-11635

01/03
 NAS 8-1100

6

5

4

3

PT "6A"
+X 200.00 (REF)
-Y 62.31 (REF)
-Z 10.75 (REF)

PT "14A"
+X 224.57 (REF)
-Y 79.11 (REF)
-Z 32.25 (REF)

IML BUP CL 37"

FS ONLY

(-13) BEND R.010 +.030
-1.000

SD4 REF

IML BDN 42.3"

IML BUP

IML BUP CL 37"

BEN 33"

PT "13A"
+X 231.45 (REF)
-Y 79.11 (REF)
-Z 32.25 (REF)

TEMPERATURE CONTROL EXTERIOR (N5)

127-133 (#30 DRILL)
TYP 7 PLACES

PT "4A"
+X 240.05
-Y 36.74 (REF)
-Z 10.75 (REF)

2223 NAS 8-1100

CODE IDENT NO 2652
LDW280-11635

CODE IDENT NO 2652
LDW280-11635

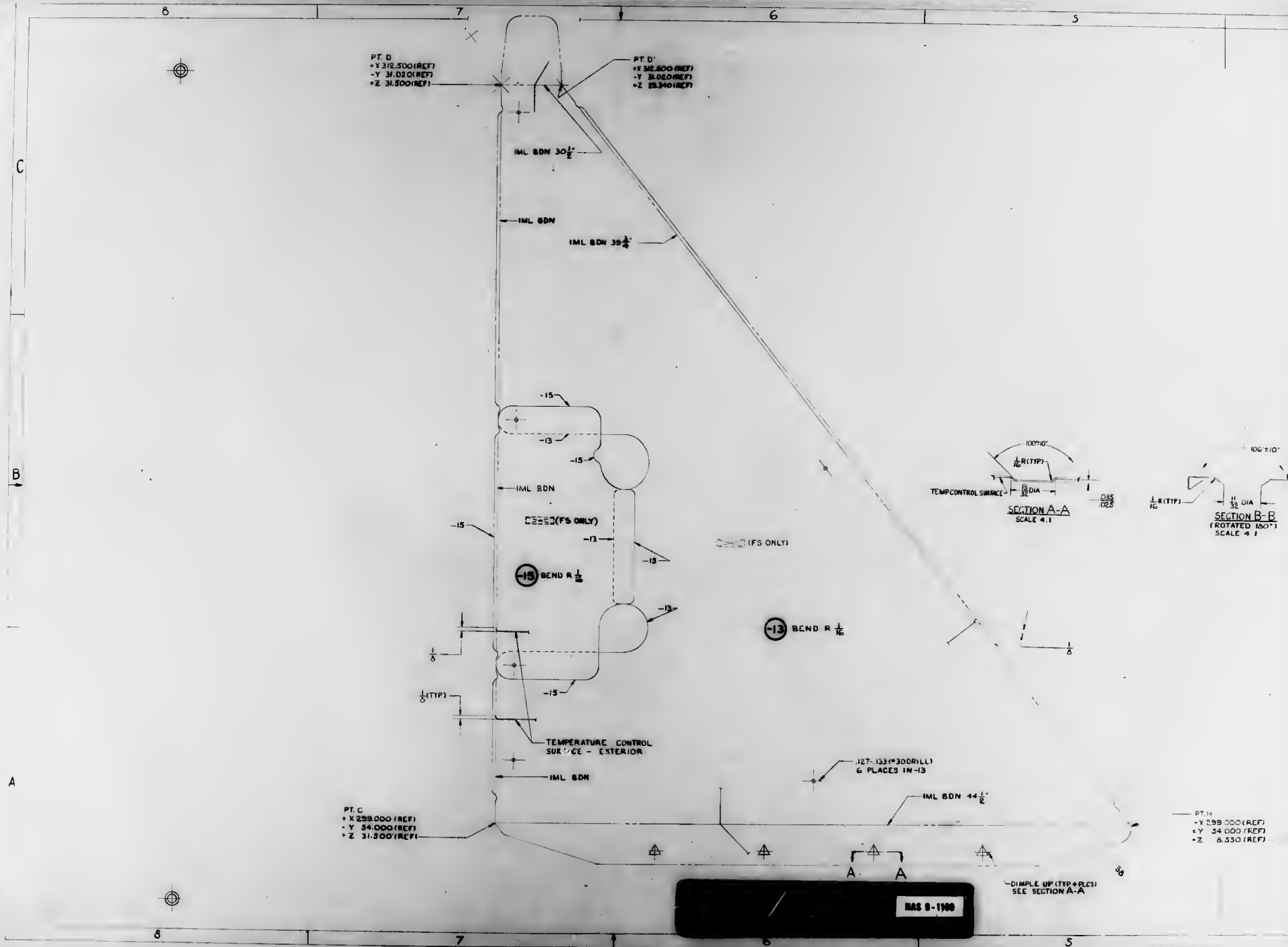
341
3

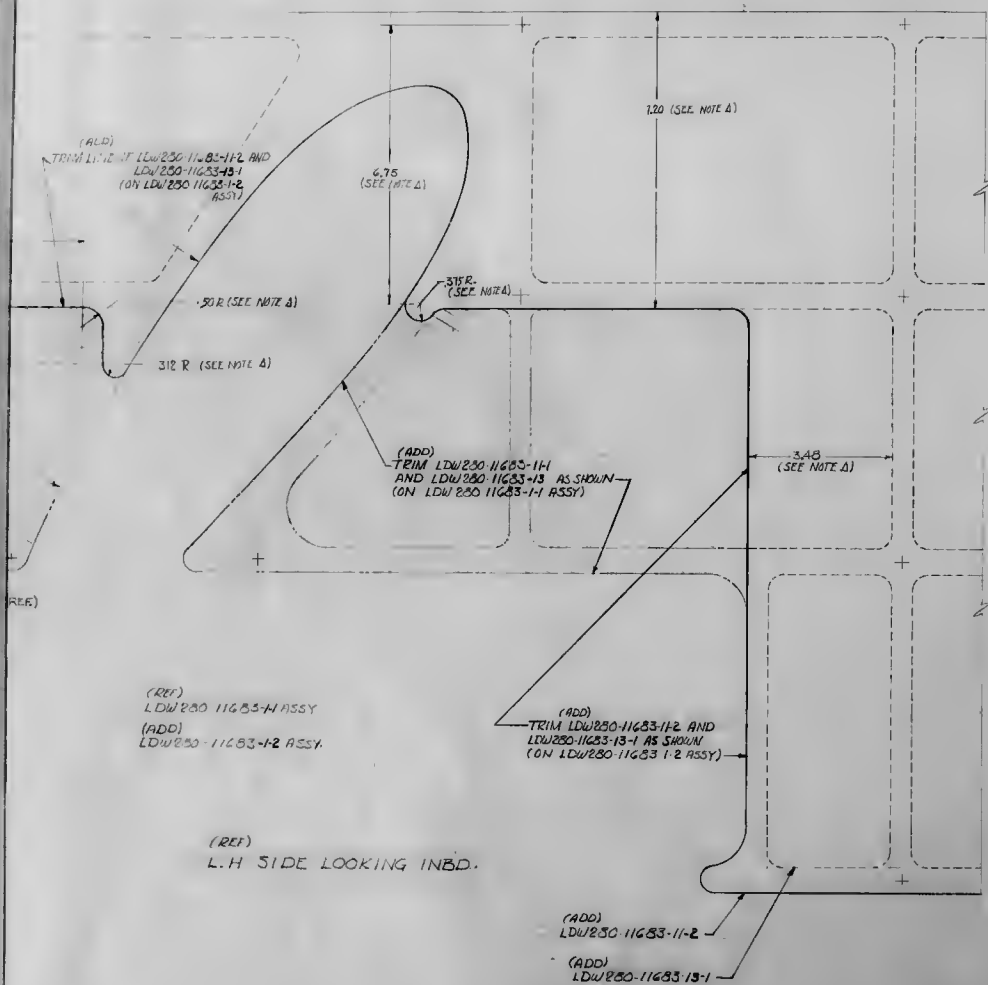
6

5

4

3





NOTES:

Δ DIM. FOR DETAILERS USE ONLY
DO NOT INCORP. ON DWG.

LDW230-11683-12 ASSY IS IDENTICAL TO
LDW230-11683-11 EXCEPT FOR THE TRIM
& THE FOLLOWING:

LDW230-11683-13-1 REPLACES LDW230-11683-13
LDW230-11683-11-2 REPLACES LDW230-11683-11-1

NAS 8-1100

REVISION SPEC SHEET		CLASS 1 SHEET 000	CLASS 1 SHEET 000	✓ LCD 37-14	PLG 13	LDW230-11683-11
ADDITION OF DISCONNECT FOR INCREASED PRESS. EXCHANGE PRESSURE				RESTRICTED - 1-1 ASSY OR LM8 & LM7 & LM-5. ADDED 1-2 ASSY FOR LM8 THRU LM-5. LDW230-11683-13-1 REPLACES LDW230-11683-13 & LDW230-11-2 ASSY REPLACES LDW230-11683-11-1		
NAME	THRO	LM10 (40)	LM12 (44)	LM14 (48)	LM16 (52)	LM18 (56)
DATE	DATE	DATE	DATE	DATE	DATE	DATE
BY	BY	BY	BY	BY	BY	BY
CHECKED	CHECKED	CHECKED	CHECKED	CHECKED	CHECKED	CHECKED
APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
C				SHIELD ASSY AS CABIN SECT - X 2060 X 218.0 THE SHAL		
DRAWN BY P. KEISER				CHECKED BY VDI		
DATE 11-92				DATE 11-92		
SHEET NO. 335				SHEET NO. 25		
GILMAN AIRCRAFT ENGINEERING CORP.				GILMAN AIRCRAFT ENGINEERING CORP.		

REVISIONS FOR CONTINUATION OF REVISIONS SEE SHEET _____														
CHANGE ITR ITEM NO	SHEET NO	ZONE	GRUMMAN INFO ONLY	DET SPEC	CLASS I	CLASS II	ENGRG ORDER	DESCRIPTION	EFFECTIVITY	DISPOSITION OF EXISTING PARTS		CHANGED BY AND DATE	ENGRG APPD	APPRO
										REWORK	SCRAP			
A.1	2.00-10 3.00						EO A1	REMOVED -15 & -17. ADDED -21, -23 & -25 ADDED SH 110	LM-3(33) THRU LM-15(45)		-15 -17			
2.	1.00						LEO280-521 LCD - 1124	CANCELLED BY LEO280-628	PA-1	NOT	REQD			
3.	1.00-2.00 3.00						EO A3	TRIMMED -25, ADDED -33 & -34 & IN -25 MOD. BLK. (1) REQD/MOD. WAS (2)	LM-3(33) THRU LM-15(45)	✓				
4.	2.00-3.00 4.00						EO A4	REMOVED -13 & -14, FROM -21 & -23 REMOVED LM-4 THRU LM-15 REQUIREMENTS. TRIMMED -21 & -23. FROM -21 REMOVED DRILL #40 (3 HOLES) REMOVED FROM -23 DRILL #40 (3 HOLES) ADDED -27 -29 -31 & -32	LM-3(33) THRU LM-15(45)	✓	✓			
5.	2.00-3.00 4.00						EO A5	F/D & B/M & M/B CREATED -35 REPLACING -21 & -27 CREATED -30 REPLACING -23 & -29	LM-3(33) THRU LM-15(45)		-21 -23 -27 -29			
6.	2.00-4.00 4.00						EO A6	F/D & B/M REMOVED -31 ADDED -37	LM-3(33) THRU LM-15(45)		-31			
7.	1.00 2.00						LEO280-628 LCD 1124	CANCELLED NOTED CHG ON LEO280-521	PA-1(47)		✓			
8.	1.00						LEO280-741 LCD 1104	ADDED QUAL TEST (70) EFF TO -25, -33, -34, -41, -12, -37, -32, -12 & -29	QUAL TEST	NOT	REQD			
9.	1.00						LEO280-796 LCD 2104	REF CHG EO A3 (LEO280-741) ADDED -31, REQD, N/A LEO280-521B NOT APPLICABLE -31 REMOVED BY EO A6, EF	QUAL TEST	NOT	REQD			
10.	2.00-3.00 4.00						EO A10	IN FLD & B/M REMOVED -32, ADDED -35	LM-3 THRU LM-15		-32			
11.	2.00-4.00 4.00							REF EO A10. REMOVED -32 SHOULD BE RESTRICTED -32	LM-3 THRU LM-15	NOT	REQD			

LTR	GROUP LDR	NEW DES INT	STRUCTURES	CTP	CTPS	WEIGHTS	RELIABILITY	THERMO
A								

GRUMMAN AIRCRAFT ENGRG CORP., BETHPAGE, L. I., NEW YORK		
SIZE B	CODE IDENT NO. 26512	LDW280-11697
SCALE NONE	SHEET: 1.10	

01

NAS 9-1100

22

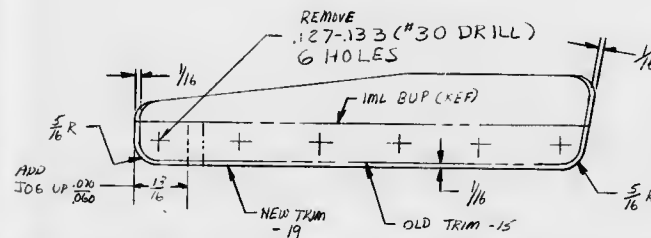
WAS 9-1100

7/10
ENG 21 - REV 8-68

GRUMMAN AIRCRAFT ENGINEERING CORP.
CODE IDENT NO. 26512
ENGINEERING ORDER EMF A

REQ. NO. LDW280-11721
ED. NO. A1
CONTROL INFO NO. LA1-2-3233

IN F/D, M/B & B/M DELETE -15, ADD -19 IDENTICAL
TO -15 EXCEPT AS SHOWN.



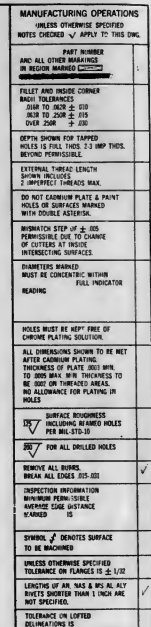
SECTION 1 OF 2		SECTION 2 OF 2		SECTION 3 OF 2		SECTION 4 OF 2		SECTION 5 OF 2		SECTION 6 OF 2		SECTION 7 OF 2		SECTION 8 OF 2		SECTION 9 OF 2		SECTION 10 OF 2	
REASON FOR E.O.										DESCRIPTION OF E.O.									
PART TOO SMALL TO PICK UP EXISTING RIVET PATTERN										IN F/D, B/M & M/B DELETED -15, ADDED -19									
APPROVED BY										APPROVED BY									
DATE										DATE									
LM-4 (34)										LM-4 (34)									
LM-15 (45)										LM-15 (45)									
PRIORITY										PRIORITY									
A/S - M/S - EVA ANTENNA SURF										A/S - M/S - EVA ANTENNA SURF									
ISSUED BY										ISSUED BY									
LAWSON / F. R. BOWMAN										LAWSON / F. R. BOWMAN									
SECTION										SECTION									
V. D. I										V. D. I									
GROUP NO.										GROUP NO.									
235										235									
PL. 35										PL. 35									



1. NO TOOLING HOLES PERMITTED IN PART
2. FINISH FOR 1-LABSY: CLEAR SULFURIC ACID ANODIZE IN ACCORDANCE WITH MIL-A-8625 TYPE II, PLATING WITH THE SURFACE DESIGNATED EXTERIOR. FOR 2-LABSY: CLEAR SULFURIC VINYL COATING 799 PURCHASED CARROL PRODUCTS INC., FARMING N.Y. REMOVE CLEAR SULFURIC, ANODIZE FINISH FROM INTERIOR SURFACE AND REFINISH WITH 799
3. FOR HOLES MAKE 1/8" SEC. LG. FOR CORRESPONDING HOLE PATT.
4. ALL INFORMATION NOT REQUIRE THE MANUFACTURE OF LOW-AC LOW-AC 28 1-LABSY FOR PURPOSE ONLY.

**NAS 9-1100**

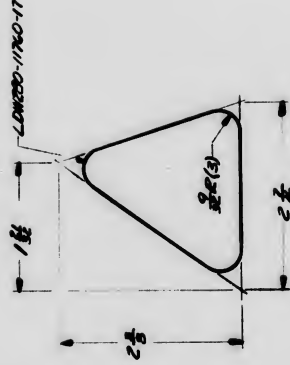
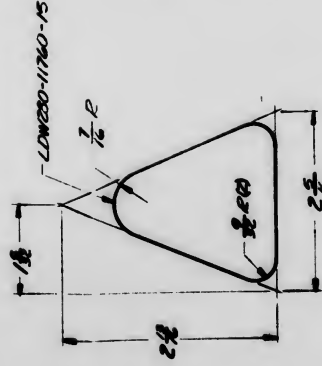
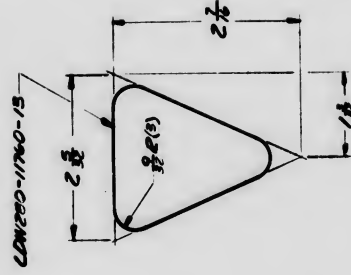
3. NO TOOLING HOLES PERMITTED IN PARTS.
2. FINISH FOR LASSY: CLEAR SULFURIC ACID-6625 TYPE II BOILING WATER SEAL. THE SURFACE DESIGNATED EXTERIOR SHOULD BE PROTECTED WITH AN EPOXY VINYL COATING - # 736 PURCHASED FROM CARPOL PRODUCTS INC., FARMINGDALE, N.Y. REMOVE CLEAR SULFURIC ACID AND LASSY FINISH WITH A 7% LSP14-3010 SURFACE- AND REFINISH WITH # 76 LSP14-3010
3. FOR HJES MARKET: # WEI. LW282-11443 FOR CORES-ENDING HOLE PATTERN
4. ALL INFORMATION NOT REQUIRED FOR THE MANUFACTURE OF LW2820-1172-113345-28314. LASSY FOR REFERENCE PURPOSE ONLY.

**NAS 9-1100**

MAY BE REDRAWN ON A PRODUCTION
FORMAT AT A LATER DATE

		CHRYSLER AIRCRAFT ENGRG CORP., BETHPAGE, L.I., NEW YORK	
	SIZE	CODE IDENT NO.	
	J	26512	LDW280-11752
LM			
MODEL OR ENG ITEM	SCALE	FULL	SHEET 3 OF 3

RELEASED BY LIAISON



QTY.	UNIT	QTY.	UNIT	QTY.	UNIT
1	11	2	15	2	17

QTY.	UNIT	QTY.	UNIT	QTY.	UNIT
1	11	2	15	2	17

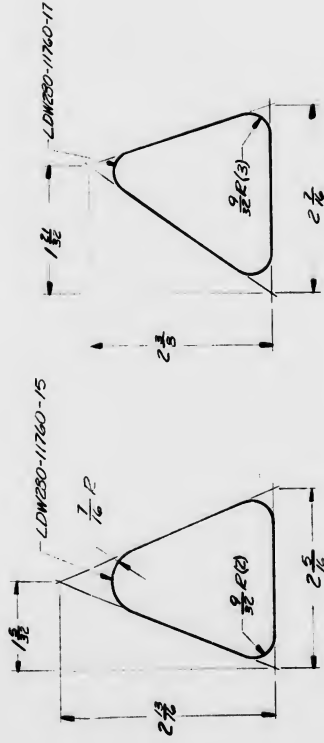
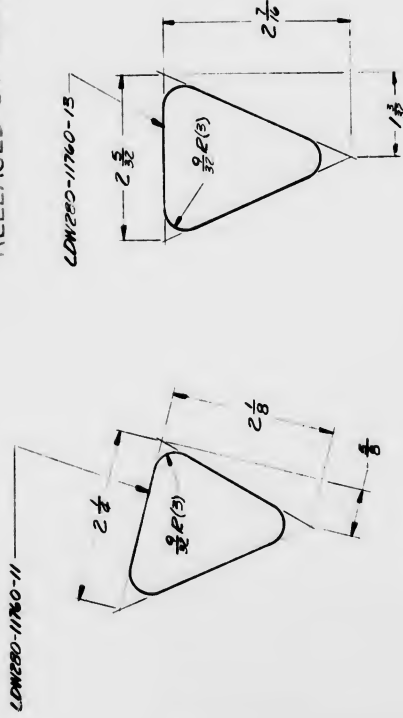
REF: LONR20-20178 CN LMS-1160
 DIM TOLERANCES: ±.01, ±.005 f.

INITIAL DENYING RELEASE
 PARTS MADE PER ED

QTY.	UNIT	QTY.	UNIT	QTY.	UNIT
1	11	2	15	2	17

GROUP NO. 5553

RELEASED BY LIAISON



MATL.	QTY. REQ.	COM. SPEC.	STOCK
AL ALLOY 5A 6061-T6	2000-13	2000-13	2000-13

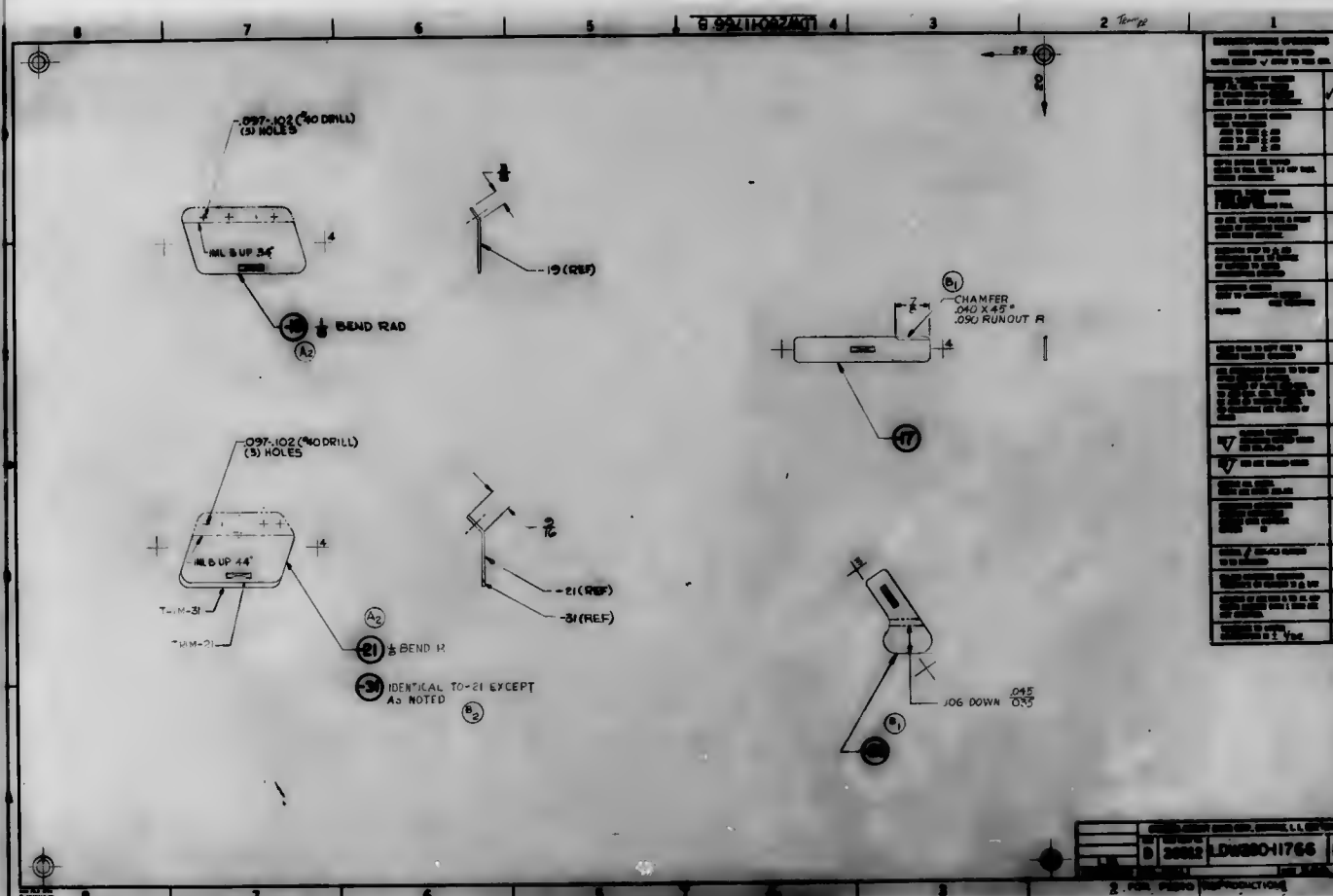
REF: LOWEBO-28178 CN LMS-11410
 DIM TOLERANCES: $\pm \frac{1}{16}$, ± 0.005

REF: LOWEBO-28178 CN LMS-11410
 DIM TOLERANCES: $\pm \frac{1}{16}$, ± 0.005

DATE	BY	CHKD	BY	DATE	BY	CHKD	BY
11/1/51	LM	11/1/51	LM	11/1/51	LM	11/1/51	LM

INITIAL DRAINING RELEASE
 PARTS MADE PER EO

ISSUED BY: SECTION: GROUP NO. 11



INSPECTION OPERATIONS	
1. PREPARE PART	✓
2. INSPECT PART	✓
3. INSPECT DIMENSIONS	✓
4. INSPECT SURFACE	✓
5. INSPECT TOLERANCES	✓
6. INSPECT FINISH	✓
7. INSPECT WEIGHT	✓
8. INSPECT MATERIAL	✓
9. INSPECT MARKING	✓
10. INSPECT STORAGE	✓
11. INSPECT HANDLING	✓
12. INSPECT SHIPPING	✓
13. INSPECT RECEIVING	✓
14. INSPECT ASSEMBLY	✓
15. INSPECT DISASSEMBLY	✓
16. INSPECT REPAIR	✓
17. INSPECT REWORK	✓
18. INSPECT SCRAP	✓
19. INSPECT WASTE	✓
20. INSPECT ENVIRONMENT	✓
21. INSPECT SAFETY	✓
22. INSPECT QUALITY	✓
23. INSPECT COST	✓
24. INSPECT DELIVERY	✓
25. INSPECT CUSTOMER	✓

1. PART	2. PART	3. PART	4. PART	5. PART	6. PART	7. PART	8. PART	9. PART	10. PART	11. PART	12. PART	13. PART	14. PART	15. PART	16. PART	17. PART	18. PART	19. PART	20. PART	21. PART	22. PART	23. PART	24. PART	25. PART	26. PART	27. PART	28. PART	29. PART	30. PART	31. PART	32. PART	33. PART	34. PART	35. PART	36. PART	37. PART	38. PART	39. PART	40. PART	41. PART	42. PART	43. PART	44. PART	45. PART	46. PART	47. PART	48. PART	49. PART	50. PART	51. PART	52. PART	53. PART	54. PART	55. PART	56. PART	57. PART	58. PART	59. PART	60. PART	61. PART	62. PART	63. PART	64. PART	65. PART	66. PART	67. PART	68. PART	69. PART	70. PART	71. PART	72. PART	73. PART	74. PART	75. PART	76. PART	77. PART	78. PART	79. PART	80. PART	81. PART	82. PART	83. PART	84. PART	85. PART	86. PART	87. PART	88. PART	89. PART	90. PART	91. PART	92. PART	93. PART	94. PART	95. PART	96. PART	97. PART	98. PART	99. PART	100. PART
---------	---------	---------	---------	---------	---------	---------	---------	---------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-----------

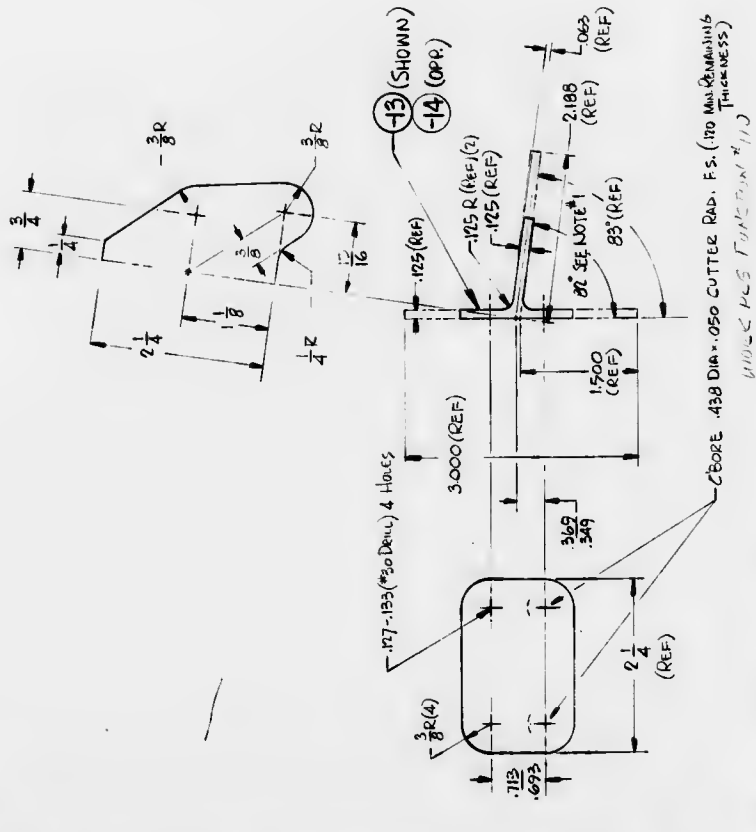
01

NAS 9-1100

GRUMMAN AIRCRAFT ENGINEERING CORP.
 CODE IDENT NO. 26512
 ENGINEERING ORDER
 CONTROL INFO NO. 5214

CREATE -13 AND -14 IDENTICAL TO -11 AND -12 (RESPECTIVELY) EXCEPT AS SHOWN:

NEW ASSEMBLY: LDW 280-54019
 EFFECTIVITY: LM-4 (34) THEN LM-15 (45)
 QUANTITY: 1 EACH/MODULE

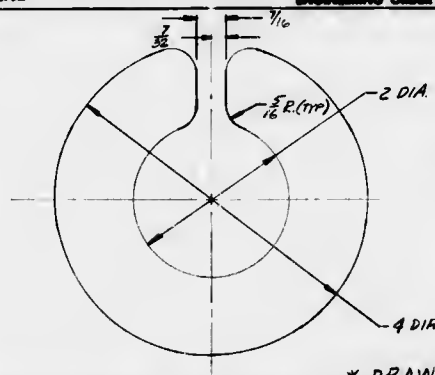


DATE: 10/1/53		BY: J. B. BROWN		CHECKED BY: J. B. BROWN		APPROVED BY: J. B. BROWN		CREATED BY: J. B. BROWN		SECTION: 11		GROUP NO. 225		PL. 25	
PROJECT: LDW 280-54019		SUBJECT: LM-4 (34) THEN LM-15 (45)		QUANTITY: 1 EACH/MODULE		EFFECTIVITY: LM-4 (34) THEN LM-15 (45)		DATE: 10/1/53		BY: J. B. BROWN		CHECKED BY: J. B. BROWN		APPROVED BY: J. B. BROWN	
DESCRIPTION: CORE 438 DIA. .050 CUTTER RAD. F.S. (170 MAX REMAINING THICKNESS)		MATERIAL: ALUMINUM		FINISH: 125 (REF)		TOLERANCE: 125 (REF)		HARDNESS: 125 (REF)		TEMPERATURE: 125 (REF)		STRESS: 125 (REF)		FAILURE: 125 (REF)	
REVISIONS:		REVISIONS:		REVISIONS:		REVISIONS:		REVISIONS:		REVISIONS:		REVISIONS:		REVISIONS:	
1. LDW 280-54019		2. LDW 280-54019		3. LDW 280-54019		4. LDW 280-54019		5. LDW 280-54019		6. LDW 280-54019		7. LDW 280-54019		8. LDW 280-54019	

GRUMMAN AIRCRAFT ENGINEERING CORP.
 CODE IDENT NO. 26512
 ENGINEERING ORDER

RELEASED BY LIAISON

DWG NO. LDW280-11785
 CONTROL NO. LM5-11680
 A1



CR PLATE -11, MAKE FROM AL ALY SNT ~
 7075-T6 ~ .063 x 4 1/4 x 4 1/4 ~
 FIN # 8H.
 N/A LDW280 P11377
 EFF LM-1, LM-2, LM-3-1 RECD / MOD.
 DWG TEL: ± 1/32, ± .010, ± 1/2°
 CONTRACT NO. NAS 9-1100
 LINE ITEM # 1
 ACCUMINATION TYPE II
 1ST NOT NEG D. "E"

* DRAWING NOT MADE

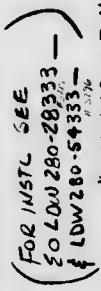
EXTEND SPEC NOS		CL 2 ENGINE CHG		CL 3 ENGINE CHG		DESCRIPTION OF E.O.		6	
REASON FOR E.O.				TO ELIMINATE INTERFERENCE BETWEEN E.O. A1 INITIAL DRAWING RELEASE. PARTS MADE PER E.O.					
MODEL		EFFECTIVITY		ENGINEERING CHANGE NO.		DISPOSITION OF PARTS		APPROVED BY	
PRECEDENCE ACTIVITY NO.		SPEC UNIT NO		SUB CODES UNIT NO		DATE		DATE	
LM		LM-1 (37)				12/67		12/67	
LM		LM-2 (32)				U.D.I.		12/67	
LM		LM-3 (33)				U.D.I.		12/67	
PRIORITY		C		REASONABLE		PLATE ~ AS ~ THERMAL		LDW280-11785	
1-21-67		ISSUED BY D. COPPI / R. H. H. F. E. N.		A 1153		SECTION VEH. DES. INT.		GROUP NO. 335 PL. 5	

01

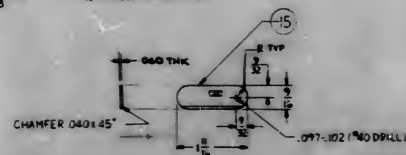
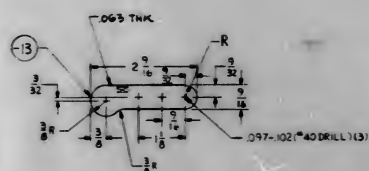
NAS 9-1100

AIRCRAFT ENGINEER
CODE IDENT NO. 26512
ENGINEERING ORDER

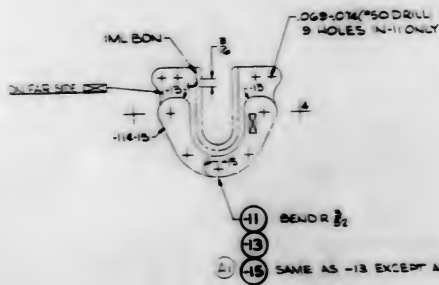
ED 03
CN
NO. 111



ISSUED BY SP-1 N. J. 1-24-67 SECTION 101 GROUP NO. 1



UNITED STATES DEPARTMENT OF JUSTICE FEDERAL BUREAU OF INVESTIGATION WASHINGTON, D. C. 20535		
FILE NO. C 26512	DATE 10-10-74	BY LDW:BO-11330

[illegible]

C 26512		LDW280-11841	
---------	--	--------------	--

FOR PHOTO REPRODUCTION

ENC 9-1100

